

USAMMDA INFORMATION PAPER

PRODUCT: FIELD STERILIZER IMPROVEMENT DEVICE

DESCRIPTION: The field sterilizer currently in use is a well-proven piece of equipment. One of the shortcomings has been its high water consumption; it uses 2½ -gallons of water every time it sterilizes a load of materials. Additionally, the sterilizer does not have a vacuum system for air removal during sterilization. This project will add a vacuum generator to the existing water recovery system that has been developed for this sterilizer, and fully field the Water Recovery System.

PROGRAM RELEVANCE to the ARMY: This product supports both the core mission of the Army and the Army Transformation. Of the Army's core competencies, this product supports "Forcible Entry Operations," "Sustained Land Dominance," and "Support of Civil Authorities." Sterilization of supplies is a key capability for field hospital logistics. This product supports Future Operational Capabilities: MD-02-001 Clearing the Battlefield and MD-02-002 Hospitalization.

ISSUES/ACTIONS:

- Device requirements are being coordinated with the combat developer. The Operational Requirements Document (ORD) has been drafted and will be sent to U.S. Army Training and Doctrine Command (TRADOC) for approval.
- The Field Sterilizer Improvement Device (FSID) is a modification of existing equipment, and will be developed by the equipment manufacturer.
- The addition of the vacuum system to the FSID will require testing to support Food and Drug Administration (FDA) approval. This testing will be both laboratory validation and user testing.

ADDITIONAL INFORMATION:

BPL # 438

DA PROJECT/TASK: Trauma Management –
PE/PROJ 643807/836JW

MAMP RANK: Not Ranked

ARMY ORD: A draft ORD has completed

SCHEDULE:

Project Start	1QFY03
MS A	2QFY04
MS C	2QFY05

For additional information, contact: Applied Medical Systems, DSN 343-7582, Comm. 301-619-7582